

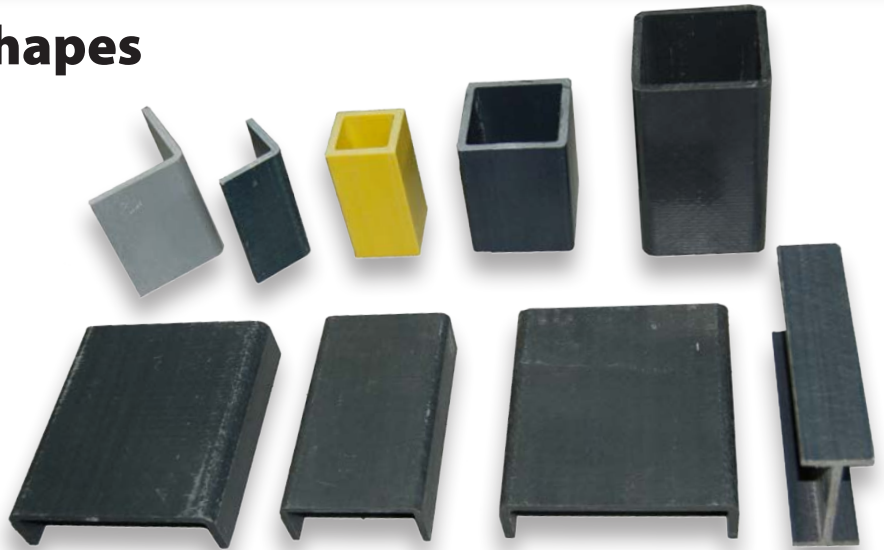
## Fiberglass Structural Shapes

Fastec International's Fiberglass Structural Shapes are manufactured in Fastec's engineer approved facility using the highest quality resins and meeting CTI Standard 137 and 152. With a 12-mil surface veil standard, FRP shapes from Fastec are stronger and last longer than other leading brands.

Fiberglass shapes are easier to install than traditional building materials because of their light weight, saving on installation costs. In moist and corrosive environments, FRP shapes do not rot or corrode, so they will last for years.

Fiberglass does not warp over time, and does not retain water. Fiberglass is the material of choice across the world for cooling tower construction, because of its ability to withstand enormous amounts of water without deteriorating or leaching over time.

*Fastec* FRP Structural Shapes have high tensile strength, so they can withstand enormous loads compared to other materials, giving them rugged, industrial performance.



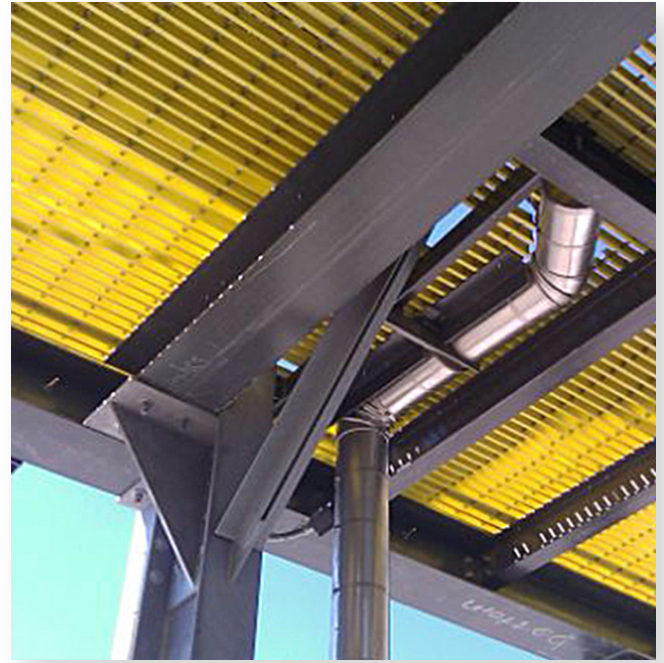
### Benefits of Fastec Fiberglass Shapes

- Corrosion & Rot Resistant
- High Strength
- Lightweight (80% less than steel)
- Easy & Fast to Install
- Low Maintenance
- Non Sparking
- Low in Conductivity
- Fire Retardant
- Dimensional Stability
- Meets ASTM D635 & E-84
- 12-mil surface veil standard



## Manufacturing Top Quality Fiberglass Shapes

All Fastec pultruded fiberglass products are made with high quality materials. The glass is pulled through a pultrusion process, where it is then heated and soaked in resin. **Fastec** structural shapes can be pulled to whatever length is needed. *Made in North America.*



## Commonly Used Available Shapes For Cooling Towers

Fastec International is ready to manufacture many commonly used structural shapes, and there are many other sizes available upon request.

Square Tube:
1 X 1 X 1/8"
1-1/4 X 1-1/4 X 1/8"
1-1/2 X 1-1/2 X 1/8"
2 X 2 X 1/4"
2-1/2 X 2-1/2 X 1/4"
3 X 3 X 1/4"
3-1/2 X 3-1/2 X 1/4"

I-Beam:
3-1/2 X 1-1/2 X 3/16"
4 X 2 X 1/4"
5-1/2 X 2-1/2 X 1/4"
6 X 3 X 1/4"

C-Channel:
3-1/2 X 1-1/2 X 3/16"
4 X 1-1/8" X 1/4"
5-1/2 X 1-1/2 X 1/4"
6 X 1-5/8 X 1/4"
8 X 2-3/16 X 3/8"
10 X 2-3/4 X 1/2"

Angle:
2 X 1/4"
3 X 1/4"
4 X 1/4"
6 X 1/4"

Flat Strip:
3 X 3/8"

## Specifications

**Resin:** Polyester Fire Retardant that Meets ASTM E-84 and D635. Vinyl Ester Fire Retardant also available.

**Surface Veil:** 12-mil standard.

**Color:** Slate Gray. Other Colors Available Upon Request.

**Standard Lengths:** 20' and 24'. Custom Lengths Available.



**Fastec** fiberglass structural shapes meet CTI Standard 137 and 152.